

Title (en)

Welding tip for arc welding and arc welding apparatus

Title (de)

Schweisssdüse zum Lichtbogengaschweißen und Lichtbogenschweisssapparat

Title (fr)

Buse de soudage pour le soudage à l'arc et appareil de soudage à l'arc

Publication

**EP 1266714 A1 20021218 (EN)**

Application

**EP 02013450 A 20020613**

Priority

- JP 2001180216 A 20010614
- JP 2001303551 A 20010928
- JP 2002083502 A 20020325

Abstract (en)

A contact (14) provided in a welding tip (12) of an arc welding apparatus includes a tip body adapted to be mounted to a welding torch body and a tip end member (40) formed integrally therewith. The tip end member is divided into at least two parts, i.e., by means of a slit (42) formed along the axis of the tip end member. A spring member (51) fitted on the tip end member applies a spring force thereto, whereby the contact has improved durability. <IMAGE>

IPC 1-7

**B23K 9/12**

IPC 8 full level

**B23K 9/173** (2006.01)

CPC (source: EP US)

**B23K 9/173** (2013.01 - EP US)

Citation (search report)

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- [Y] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 08 29 August 1997 (1997-08-29)
- [Y] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 07 31 August 1995 (1995-08-31)
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 023 (M - 1541) 14 January 1994 (1994-01-14)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 12 26 December 1996 (1996-12-26)
- [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 22 9 March 2001 (2001-03-09)

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